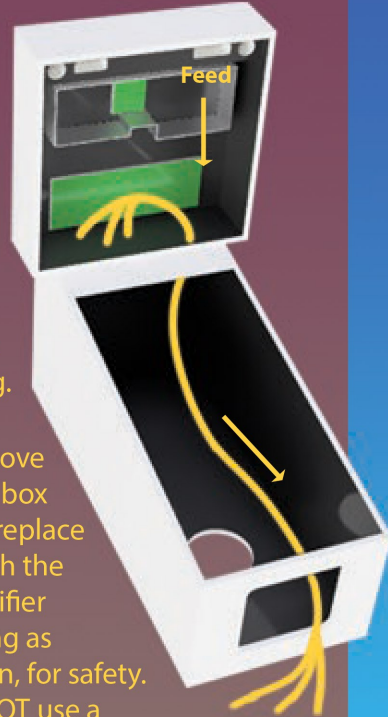


1 PinWoofers Harness - JJP

- Unplug the machine from AC Power.
- Open the Coin Door.
- Remove the Backglass.
- Remove the Playfield Glass.
- Lift the Playfield up and securely prop it open.
- Feed the Amplifier End of the PinWoofers Harness from the Backbox, down the right side & through the Coin Door opening.



Remove coin box and replace it with the amplifier resting as shown, for safety. DO NOT use a mounting bracket to mount

the amplifier vertically or to a cabinet wall. The amp enclosure is designed to have airflow underneath to reduce heat and prolong service life.

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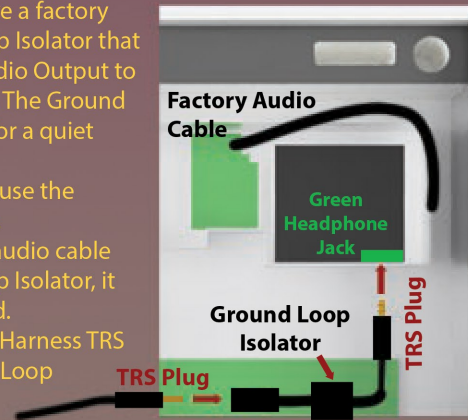
2 PinWoofers Power Board

- Remove CPU Housing Cover
- Unplug the 10-Pin Factory Connector from J110 on the I/O PCB Assy. (Your title may or may not have this factory Connector.)
- Plug the 10-Pin Factory Connector into the Power Board. (If applicable.)
- Plug the PinWoofers Harness 2-Pin Power Connector into the Power Board.
- Plug the Power Board into J110.
- Connect the Ground Wire to a nearby back-plane screw location.

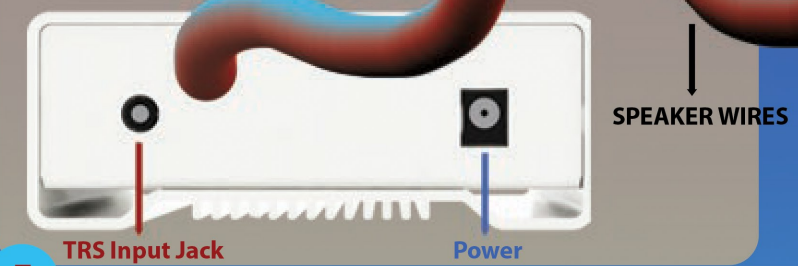


3 CPU Audio Connection

- Your title should have a factory supplied Ground Loop Isolator that connects the CPU Audio Output to the Factory Amplifier. The Ground Loop Isolator is vital for a quiet audio system.
- You will continue to use the Ground Loop Isolator.
- Unplug the factory audio cable from the Ground Loop Isolator, it will no longer be used.
- Plug the PinWoofers Harness TRS Plug into the Ground Loop Isolator.



4 Connections

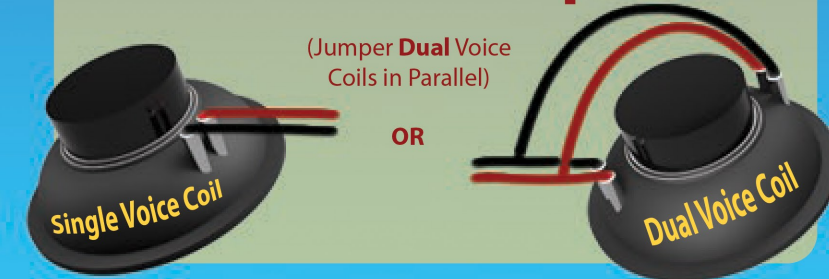


5 Connect Speakers

Plug the PinWoofers Connectors into the Machine Connectors. The right and left machine wire colors vary, but the Sub Wire is always solid black and solid red.

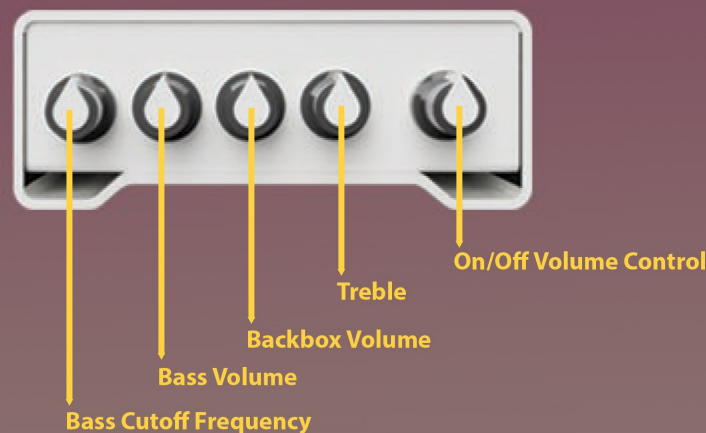


6 Connect Cabinet Speaker



AMPLIFIER OVERVIEW

The amplifier controls can be set to any position that produces the sound you desire.



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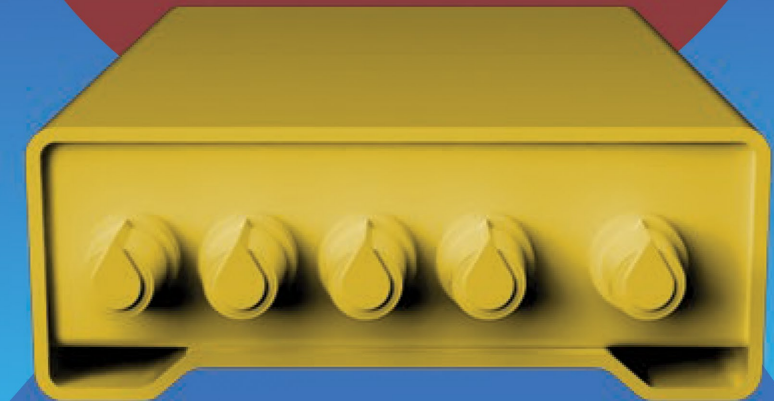
ADJUSTMENTS

After installation, turn the machine on and follow the below startup procedure:

1. In the machine's menu set all audio settings to default:
Volume = 35 (Below settings defaults will be blue or green.)
FULL MENU > SETTINGS > SYSTEM SETTINGS > SOUND
2. Exit machine's menu.
3. Turn all amplifier dials to point vertically as shown.
4. Adjust amplifier controls either by starting a game, or by alternating up and down the coin door volume controls (to keep the sounds consistently playing).
5. It's likely that the starting amplifier control positions from 3. above will not be optimized, and may sound poor. Be confident in rotating the different controls to whatever position sounds good to you.
Adjust at a safe volume level.
6. Your final adjustments may leave the dials in radically different positions. This is perfectly fine, as long as you've achieved your desired results.
7. As needed, return to the machine's menu to fine-tune. It is often helpful to reduce the "Speech Mix" setting in the SOUND menu to minimize the boomy resonance of male call-outs. "Music Mix", "Fanfare Mix" and "FX Mix" are popular options.

PINWOOFER KO

JJP Installation Guide



PinWoofers.com

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